BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 8: Animal Production Systems
Learning aim(s)	**A** Explore the role of animal production in agriculture **B** Investigate animal production systems
Assignment title	**Animal Production Systems**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working on a farm, and the farm manager has decided that you are ready for more responsibility and wants you to help make plans for producing livestock species on the farm. Another local farm already produces product from livestock species, and has shared information about their animal production unit. The farm manager has asked you to consider this information, carry out additional research, and write a report. The report will need to: • consider the factors affecting the success of producing product from livestock species • give information on best practice in housing, husbandry and record keeping • consider any improvements could be implemented when the farm sets up the new unit so that they have the best chance of success.
Task 1	You tutor will provide you with information on an animal production system in your region. You need to use this as a basis and carry out research into: • current conditions in the local, national and international industry such as consumer demand, range of products and market prices • other factors affecting production success, such as geographic, economic, financial, and environmental factors • key performance indicators and monitoring methods • relevant legislation and guidance. Following your research, you must produce the report. The report should include evidence that you: • are aware of the local, national and global factors that

	may affect the success of animal production, and the given production system • are aware of the challenges and opportunities involved in producing animals of these species • know and understand the housing and husbandry needs of the specified production animals • are aware of the types of records required during production, how they may be made, stored and used during production to monitor and contribute towards production success • have considered how successful the animal production unit is, and how improvements could be made when setting up the new unit.
Checklist of evidence required	Written report outlining the production market, industry, principles and practices of production, within a case study context based on a given livestock production system.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
AB.D1	Evaluate the success of an animal production system.
A.M1	Analyse factors affecting animal production.
B.M2	Assess the effectiveness of an animal production system.
A.P1	Explain factors affecting animal production.
A.P2	Describe challenges and opportunities for animal production.
B.P3	Outline housing and husbandry requirements for an animal production system.
B.P4	Explain the use of records during animal production.

Sources of information to support you with this Assignment	**Books** Muirhead, M. R., Alexander, T. J., Carr, J (2013) *Managing Pig Health: A Reference for the Farm*, 5m Publishing, ISBN13 978-0955501159 Phillips, CJC (2018) *Principles of Cattle Production (Farm Livestock Animals)*, CABI, ISBN13 978-1786392718 Pond, W. G., Bazer, F. W., Rollin, B. E (2011) *Animal Welfare in Animal Agriculture: Husbandry, Stewardship and Sustainability in Animal Production*, CRC Press, ISBN13 978-1439848425 **Journals/Magazines** *International Animal Health Journal* *International Journal of Animal Health and Livestock Production* *International Journal of Livestock Production* *Farmers Weekly* **Websites** fao.org/animal-production poultryhub.org

Other assessment materials attached to this Assignment Brief	Case study information on an animal production system of importance in the region, including breed of livestock, details of housing, husbandry and record-keeping practices and other relevant production system data such as available resources and production outputs.